

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	41	("20050003577"   "3448510"   "3727282"   "3747204"   "3766638"   "3790051"   "4140260"   "5288663"   "5316853"   "5863813"   "5888883"   "6074896"   "6297131"   "6344402"   "6345616"   "6451671"   "6513694"   "6514795"   "6716674"   "6726526"   "6730595"   "6774496"   "6780091"   "6827636"   "6869830"   "6896760"   "6901924"   "6939785").PN. OR ("6344402"   "7129150"   "7279403").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 08:07
L11	18	("3887996"   "4285433"   "4543464"   "4590667"   "4688540"   "4851371"   "5128282").PN. OR ("5288663").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 08:15
L12	37	("2121003"   "3206088"   "3237499"   "3448510"   "3528335"   "3559855"   "3565306"   "3601296"   "3626492").PN. OR ("3790051").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 08:20
S1	1	"20060005911"	US-PGPUB; USPAT	OR	ON	2007/11/09 14:50
S2	2	("4744550"   "6344402").PN.	US-PGPUB; USPAT	OR	ON	2007/11/09 14:51
S3	13	("5888883").PN. OR ("6344402").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 15:08

S4	111	("20050003577"   "3448510"   "3727282"   "3747204"   "3766638"   "3790051"   "4140260"   "4722130"   "4904610"   "4978639"   "5071792"   "5091331"   "5130276"   "5185292"   "5288663"   "5316853"   "5480842"   "5863813"   "5888883"   "6074896"   "6297131"   "6344402"   "6345616"   "6451671"   "6513694"   "6514795"   "6716674"   "6726526"   "6730595"   "6774496"   "6780091"   "6827636"   "6869830"   "6896760"   "6901924"   "6939785").PN. OR ("5888883"   "6344402"   "7129150"   "7279403").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 15:22
S5	81	S4 and tape	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 15:22
S6	43	("3040489"   "3206088"   "3396452"   "3461537"   "3497948"   "3537169"   "3562057"   "3714704"   "3727282"   "3870196").PN. OR ("3448510"   "4140260").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 15:54
S7	16	("3448510"   "3537603"   "3766638"   "5238876"   "5288663"   "5725728"   "5824185"   "5853532").PN. OR ("6189591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 16:04
S8	37	("2121003"   "3206088"   "3237499"   "3448510"   "3528335"   "3559855"   "3565306"   "3601296"   "3626492").PN. OR ("3790051").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 11:05

S9	35	("3448510"   "3507426"   "3707760"   "3727282"   "3730410"   "3747204"   "3766638"   "3790051"   "3920168"   "4140260"   "4296542"   "4395451"   "4667944"   "4711014"   "4744550"   "4778326"   "5288663"   "6297131"   "6344402"   "6345616"   "6513694"   "6726526").PN. OR ("5310104"   "7279403").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 13:58
S10	21	("2970730"   "3537169"   "3562058"   "3657791"   "3677875"   "3727282"   "3918150"   "4296542").PN. OR ("4744550").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 14:05
S11	37	("3448510"   "3461537"   "3559054"   "3727282"   "3766638").PN. OR ("4296542").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 14:21
S12	34	("3182873"   "3448510"   "3461537"   "3493155"   "3507426"   "3562057").PN. OR ("3727282"   "3766638").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 14:41
S13	1518	"438".clas. and ((loop excess) with (bond\$3 attach\$3 weld\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 14:56
S14	156	"438".clas. and ((loop excess) with (bond\$3 attach\$3 weld\$3) with (tape film membrane))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 14:58
S15	16	(wafer with chip with (expand\$3 expansion separat\$4)) and ((loop excess) with (bond\$3 attach\$3 weld\$3) with (tape film membrane))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:17

S16	203	((wafer with chip with (expand\$3 expansion separat\$4)) and ((loop excess) with (bond\$3 attach\$3 weld\$3)) not S15	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:18
S17	12	((wafer with chip with (expand\$3 expansion)) and ((loop excess) with (bond\$3 attach\$3 weld \$3)) not S15	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:26
S18	657	((wafer chip) with (expand\$3 expansion)) and ((loop excess) with (bond\$3 attach\$3 weld \$3)) not S15	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:26
S19	53	((wafer chip) with (expand\$3 expansion)) and ((loop excess) with (bond\$3 attach\$3 weld \$3) with (tape membrane film)) not S15	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:26
S20	14	("4626474"   "4780371"   "4847136"   "5043102").PN. OR ("5316853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:45
S21	22	("4687693"   "4793883"   "5110388"   "5118567"   "5316853"   "5411921"   "5527998"   "5692297"   "5705016").PN. OR ("5882956").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:47
S22	74	("4218279"   "4286047"   "4664239"   "4698113"   "4720317"   "4756968"   "4793883"   "4913960"   "4961804").PN. OR ("5110388"   "5118567").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:49
S23	0	"156".clas. and ((stretch \$4 tension\$3) with (tape film membrane) with (ultrasonic\$4 sonic \$4)) and (wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 16:35

S24	1064	"156".clas. and ((stretch\$4 tension\$3) wsame (tape film membrane) with (ultrasonic\$4 sonic\$4)) and (wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 16:36
S25	5	"156".clas. and ((stretch\$4 tension\$3) same ((tape film membrane) with (ultrasonic\$4 sonic\$4))) and (wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 16:36
S26	41	((stretch\$4 tension\$3) same ((tape film membrane) with (ultrasonic\$4 sonic\$4))) and (wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 16:37
S27	6	"156".clas. and ((stretch\$4 tension\$4) with (excess\$3 loop\$3 slack) with (bond\$4 weld\$4 attach\$3)) same (sonic\$4 ultrasonic\$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/02/27 08:20
S28	40	((stretch\$4 tension\$4) with (excess\$3 loop\$3 slack) with (bond\$4 weld\$4 attach\$3)) same (sonic\$4 ultrasonic\$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/02/27 08:22
S29	48	((pull pulling pulled) with (excess\$3 loop\$3 slack) with (bond\$4 weld\$4 attach\$3)) same (sonic\$4 ultrasonic\$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/02/27 08:28
S30	8	((stretch\$4 tension\$4 pull pulling pulled) with (excess\$3 loop\$3 slack) with (clamp\$3)) same (sonic\$4 ultrasonic\$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/02/27 08:32
S31	0	((stretch\$4 tension\$4 pull pulling pulled) with (excess\$3 loop\$3 slack) with (clamp\$3)) same (sonic\$4 ultrasonic\$4 ultrasonically sonically)	USOCR	OR	ON	2008/02/27 08:39
S32	66	((stretch\$4 tension\$4 pull pulling pulled) with (clamp\$3)) same (sonic\$4 ultrasonic\$4 ultrasonically sonically)	USOCR	OR	ON	2008/02/27 08:44

S33	217	((stretch\$4 tension\$4 pull pulling pulled) with (clamp\$3)) same (sonic\$4 ultrasonic\$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/02/27 09:17
S34	8	("4081626"   "4439641"   "4440482"   "4695986"   "4769793").PN. OR ("4980873").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/27 09:42
S35	30	("2662804"   "3130110"   "3336583"   "3373413"   "3488646"   "3509274"   "3537083"   "3599226"   "3668658"   "3805292"   "3808079").PN. OR ("4573097").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/27 09:49
S36	23	("3373413").URPN.	USPAT	OR	ON	2008/02/27 09:51
S37	247711	((stretch\$4 tension\$4 pull pulling pulled) with (clamp\$3) with (excess\$2 loop\$3 slack\$3)) same3 (sonic\$4 ultrasonic\$4 ultrasonically sonically) not S33	US-PGPUB; USPAT	OR	ON	2008/02/27 10:08
S38	130	((stretch\$4 tension\$4 pull pulling pulled) with (clamp\$3) with (excess\$2 loop\$3 slack\$3)) and (sonic\$4 ultrasonic\$4 ultrasonically sonically) not S33	US-PGPUB; USPAT	OR	ON	2008/02/27 10:09
S39	6	("2343037"   "2906327"   "3243042").PN. OR ("4240491").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/27 10:29
S40	7	("2343037").URPN.	USPAT	OR	ON	2008/02/27 10:43
S41	18	((stretch\$4 tension\$4 pull pulling pulled) with (clamp\$3) with (excess\$2 loop\$3 slack\$3)) same (shrink\$4)	US-PGPUB; USPAT	OR	ON	2008/02/27 10:57

S42	74	((stretch\$4 tension\$4 pull pulling pulled) same (clamp\$3 pinch \$4)) same (sonic\$4 ultrasonic\$4 ultrasonically sonically) same (film web)	US-PGPUB; USPAT	OR	ON	2008/03/05 08:25
S43	2	"19526354"	EPO; DERWENT	OR	ON	2008/03/05 08:29
S44	54	(slack\$3 slackened) with (sonic\$4 ultrasonic \$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/03/05 08:37
S45	1638	((stretch\$4 tension\$4 pull pulling pulled) same (clamp\$3 pinch \$4)) same (film web) same (bond\$4 weld\$4 secur\$3)	US-PGPUB; USPAT	OR	ON	2008/03/05 08:42
S46	150	((stretch\$4 tension\$4 pull pulling pulled) same (clamp\$3 pinch \$4)) same (film web) same (bond\$4 weld\$4 secur\$3) same (loop\$3 excess\$3)	US-PGPUB; USPAT	OR	ON	2008/03/05 08:43
S47	4	((stretch\$4 tension\$4 pull pulling pulled) same (clamp\$3 pinch \$4)) same (film web) same (bond\$4 weld\$4 secur\$3) same (pleat \$3)	US-PGPUB; USPAT	OR	ON	2008/03/05 08:45
S48	10	("4020126"   "4368945"   "4465736"   "4952258"   "4973364").PN. OR ("5069734").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 08:53
S49	19	("2568144"   "2974204"   "3183996"   "3617654"   "3649435"   "3930130").PN. OR ("4112168").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 09:12
S50	6	("4066361").URPN.	USPAT	OR	ON	2008/03/05 09:14
S51	36	("3236024"   "3287199"   "3508378"   "3518806").PN. OR ("3672116").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 09:18

S52	627	(membrane film tape diaphragm web) with (stretch\$4 tension\$3) and slack\$4	EPO; JPO; DERWENT	OR	ON	2008/03/05 09:58
S53	4976	(membrane film tape diaphragm web) with (stretch\$4 tension\$3) and (bond\$4 weld\$4)	EPO; JPO; DERWENT	OR	ON	2008/03/05 09:59
S54	45	(membrane film tape diaphragm web) with (stretch\$4 tension\$3) and (sonic\$3 sonically supersonic\$3 supersonically)	EPO; JPO; DERWENT	OR	ON	2008/03/05 09:59
S55	183	(membrane film tape diaphragm web) with (stretch\$4 tension\$3) and (bond\$4 weld\$4) and (slack\$4 slacken\$3 loop\$3 pleat\$4)	EPO; JPO; DERWENT	OR	ON	2008/03/05 10:02
S56	308	(membrane film tape diaphragm web) with (stretch\$4 tension\$3) and (ultrasonic\$3 ultrasonically)	EPO; JPO; DERWENT	OR	ON	2008/03/05 10:07
S57	115	(membrane film tape diaphragm web) with (stretch\$4 tension\$3) and (ultrasonic\$3 ultrasonically) and (bond\$4 weld\$4)	EPO; JPO; DERWENT	OR	ON	2008/03/05 10:08
S58	0	(slack\$3 slackened) with (supersonic\$4 supersonically) with (Bond\$4 weld\$4)	US-PGPUB; USPAT	OR	ON	2008/03/05 10:10
S59	627	((membrane film tape diaphragm web) with (stretch\$4 tension\$3)) same ((sonic\$3 sonically ultrasonic\$3 ultrasonically) with (bond\$4 weld\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:21
S60	123	((membrane film tape diaphragm web) with (stretch\$4 tension\$3)) with ((sonic\$3 sonically ultrasonic\$3 ultrasonically) with (bond\$4 weld\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:22



S61	20	("2893162"   "2988772"   "3109218"   "3124834"   "3132375"   "4578775"   "5136797"   "5222314"   "5355564"   "5396721"   "5502906"   "5517737").PN. OR ("5809624").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:27
S62	9	("2893162").URPN.	USPAT	OR	ON	2008/03/05 10:31
S63	21	("2893162"   "2988772"   "3109218"   "3132375").URPN.	USPAT	OR	ON	2008/03/05 10:39
S64	10	S63 not (S61 S62)	USPAT	OR	ON	2008/03/05 10:39
S65	31	("2006814"   "2334022"   "2482270"   "2866231"   "3014234"   "3078504"   "3124834"   "3132375"   "3193873"   "3243844"   "3248753"   "3268142"   "3323703"   "3727273"   "5106450"   "5285943"   "5355564").PN. OR ("5590445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:40
S66	5	("3914035"   "4522476"   "4580710"   "5052606").PN. OR ("5285943").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:42
S67	13	("2147115"   "3303528"   "3327367"   "3529332").PN. OR ("3727273").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:43
S68	15	("3323703").URPN.	USPAT	OR	ON	2008/03/05 11:02
S69	46	("0943067"   "2728941"   "2779684"   "2898661"   "3014234"   "3063090"   "3078504"   "3124834"   "3132375"   "3172150"   "3248753"   "3323703"   "4637103"   "4918796"   "5036780").PN. OR ("3580451"   "5355564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:04

S70	463	"264".clas. and (\$5sonic\$4 same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3))	USPAT	OR	ON	2008/03/05 12:45
S71	164	"264".clas. and (\$5sonic\$4 same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3) same (film membrane web substrate diaphragm))	USPAT	OR	ON	2008/03/05 12:45
S72	8	("2741885"   "3672116"   "3950203").PN. OR ("4209958").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:08
S73	775	"264".clas. and (((heat\$3 with shrink\$4) (heatshrink\$4 heat-shrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3) same (film membrane web substrate diaphragm))	USPAT	OR	ON	2008/03/05 13:11
S74	4	"264".clas. and (((heat\$3 with shrink\$4) (heatshrink\$4 heat-shrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3) same (film membrane web substrate diaphragm)) and wafer	USPAT	OR	ON	2008/03/05 13:13
S75	55	((((heat\$3 with shrink\$4) (heatshrink\$4 heat-shrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3) same (film membrane web substrate diaphragm)) and wafer	USPAT	OR	ON	2008/03/05 13:14
S76	276	((((heat\$3 with shrink\$4) (heatshrink\$4 heat-shrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3) same (film membrane web substrate diaphragm)) and chip not S75	USPAT	OR	ON	2008/03/05 13:23

S77	1350	((heat\$3 with shrink\$4) (heatshrink\$4 heatshrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3) same (film membrane web substrate diaphragm)) same (perimeter periphery edge)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:36
S78	266	"264".clas. and(((heat\$3 with shrink\$4) (heatshrink\$4 heatshrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3) same (film membrane web substrate diaphragm)) same (perimeter periphery edge)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:36
S79	119	"264".clas. and(((heat\$3 with shrink\$4) (heatshrink\$4 heatshrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3) same (film membrane web substrate diaphragm)) same (perimeter periphery edge) and (chip die semiconductor)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:40
S80	802	"438".clas. and ((heat\$4 with shrink\$4) (heatshrink\$4 heatshrink\$4))	US-PGPUB; USPAT	OR	ON	2008/03/05 13:47
S81	148	"438".clas. and(((heat\$3 with shrink\$4) (heatshrink\$4 heatshrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3 expand\$4 expansion) same (film membrane web substrate diaphragm))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:48

S82	9	("20010018229"   "20020048905"   "20050090077"   "20060035444"   "5981361"   "6297075"   "6401317"   "6544819"   "7232741").PN. OR ("7329564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 14:05
S83	3172	((heat\$3 with shrink \$4) (heatshrink\$4 heat- shrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter \$4 orient\$3 expand\$4 expansion) same (film membrane web substrate diaphragm)) not us.pc.	EPO; JPO; DERWENT	OR	ON	2008/03/05 15:10
S84	14	((heat\$3 with shrink \$4) (heatshrink\$4 heat- shrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter \$4 orient\$3 expand\$4 expansion) same (film membrane web substrate diaphragm)) and wafer not us.pc.	EPO; JPO; DERWENT	OR	ON	2008/03/05 15:10
S85	139	((heat\$3 with shrink \$4) (heatshrink\$4 heat- shrink\$4)) same (stretch\$4 tension\$4 elongat\$4 pull\$4 tenter \$4 orient\$3 expand\$4 expansion) same (film membrane web substrate diaphragm)) and wafer	US-PGPUB	OR	ON	2008/03/05 15:14
S86	131	("438" "264").clas. and (((heat\$3 with shrink \$4) (heatshrink\$4 heat- shrink\$4)) same (film membrane web substrate diaphragm) same (chips wafer))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:00
S87	161	((heat\$3 with shrink \$4) (heatshrink\$4 heat- shrink\$4)) with (film membrane web substrate diaphragm) with (chips wafer))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:00

S88	246	(S86 S87)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:00
S89	46	("4921564"   "5110388"   "5316853"   "5411921"   "5466325"   "5525422"   "5534102"   "5637395"   "5641714"   "5824177"   "5824185"   "5827394").PN. OR ("6176966").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:28
S90	9	S89 and ((heat\$4 with shrink\$4) heatshrink\$4 heat-shrink\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:33
S91	357	"264".clas. and ((stretch \$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient \$3) same (film membrane web substrate diaphragm) same (vacuum\$3 suction\$3) same (slack \$3 slacken\$4 excess \$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:48
S92	43	("438" "264").clas. and ((stretch\$4 tension\$4 elongat\$4 pull\$4 tenter \$4 orient\$3) same (film membrane web substrate diaphragm) same (vacuum\$3 suction\$3) same (slack \$3 slacken\$4 excess \$4)) and wafer	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:48
S93	23	("3448510").URPN.	USPAT	OR	ON	2008/03/05 16:55
S94	65	("1198402"   "3158381"   "3190460"   "3448510"   "3465874"   "3520055"   "3562057"   "3652075"   "3707760"   "3741116"   "3757735"   "3809050"   "3920121"   "4221356"   "4285430"   "4395451"   "4410168"   "4428815"   "4444078"   "4466852"   "4643796").PN. OR ("4667944"   "4711014").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:57

S95	752	("438" "264").clas. and ((stretch\$4 tension\$4 elongat\$4 pull\$4 tenter \$4 orient\$3) same (film membrane web substrate diaphragm) same (vacuum\$3 suction\$3)) and wafer not S94	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:30
S96	314	("438" "264").clas. and ((stretch\$4 tension\$4 elongat\$4 pull\$4 tenter \$4 orient\$3) same (film membrane web substrate diaphragm) same (vacuum\$3 suction\$3) same (releas \$4 remov\$4)) and wafer not S94	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:32
S97	153	("438" "264").clas. and ((stretch\$4 tension\$4 elongat\$4 pull\$4 tenter \$4 orient\$3) same (film membrane web substrate diaphragm) same (vacuum\$3 suction\$3)) and (dicing diced) and wafer not S94	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:34
S98	40	("438" "264").clas. and ((expand\$4) same (film membrane web substrate diaphragm) same (vacuum\$3 suction\$3)) and (dicing diced) and wafer not S94	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:44
S99	180	((stretch\$4 tension\$4 elongat\$4 pull\$4 tenter \$4 orient\$3 expand\$4) with (film membrane web substrate diaphragm) with (vacuum\$3 suction\$3)) and (dicing diced) and wafer not S94	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:48

S100	126	((stretch\$4 tension\$4 elongat\$4 pull\$4 tenter\$4 orient\$3 expand\$4) with (film membrane web substrate diaphragm) with (vacuum\$3 suction\$3)) and (dicing diced) and wafer not (S97 S94)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:49
S101	21	("2970730"   "3537169"   "3562058"   "3657791"   "3677875"   "3727282"   "3918150"   "4296542").PN. OR ("4744550").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 18:00

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